

**CHAPTER 6****LESSON OUTLINES FOR THE 50,000-POUND  
ROUGH-TERRAIN CONTAINER HANDLER (WITH CONTAINERS)**

**LESSON TITLE:** LIFTING AND TRANSPORTING CONTAINERS

**TASK NUMBER:** 551-726-1510 (Lift Container Using Rough-Terrain Container Handler)  
551-726-1511 (Drive the Rough-Terrain Container Handler With a Container Attached)

**A. TRAINING OBJECTIVE.**

**TASK:** Be able to correctly lift a container and drive the RTCH with a container attached.

**NOTE:** Show Transparency 6-1 (Objective).

**CONDITION:** Given demonstration with class notes.

**STANDARD:** To receive a “GO” for this lesson unit, the student will lift a container and drive the RTCH with a container attached.

**B. INTERMEDIATE TRAINING.****Intermediate Training Objective 1**

**TASK:** After this lesson unit, the student will be able to lift a container and drive the RTCH with a container attached.

**CONDITION:** Given a RTCH with a tophandler and a container.

**STANDARD:** To receive a “GO” for this lesson unit, the student will correctly lift a container and drive the RTCH with the container attached.

**C. ADMINISTRATIVE INSTRUCTIONS.**

1. Training time: As scheduled.
2. Training location: Scheduled classroom with chairs and a power source.
3. Training type: Demonstration and practical exercise.
4. Students: Scheduled personnel.

5. Principal and assistant instructors required: One primary instructor for the class.
6. Training aids and equipment: Overhead projector; projection screen, TM 10-3930-641-10, Instructor's Guide, Lesson Plan (TSP) and transparencies (for the instructor) and STP 55-88H1-SM, paper, and pen/pencil (for the student). Also a 50,000-pound RTCH, tophandler, container cargo, and semitrailer and low bed (6 wheel).
7. References: STP 55-88H1-SM and TM 10-3930-641-10.

**NOTE:** Before class arrival, ensure that each student desk or table has a TM 10-3930-641-10 and STP 55-88H1-SM.

#### **D. SEQUENCE OF ACTIVITY.**

##### **1. INTRODUCTION.**

- a. Interest device.
- b. Tie-in.
- c. Lesson Objective (paragraph A).
- d. Procedures.
  - (1) Explanation.
  - (2) Practical exercise.
  - (3) Summary.

##### **2. EXPLANATION AND DEMONSTRATION.** Demonstrate the correct way to lift containers.

#### **Transparency 6-2**

- Lifting containers.
  - Center and level tophandler.
  - Position front of vehicle to broadside of container.
  - Position locks of tophandler over corners of container.
  - Lower locks into fittings.
  - Ensure both "ready-to-lock" lights come on.

**Transparency 6-3**

- Lift container to minimum traveling height.
  - 18 to 22 inches minimum carrying height.
  - Tilt back to stabilize load.
- Center load for carrying.

3. **PRACTICAL EXERCISE.** This task shows 7.5 hours for practical exercise.

4. **EVALUATE.** Students are evaluated by exam 9G5-301-08.

5. **SUMMARY.** Show Transparency 6-4.

- a. Recap main points.
- b. Allow for questions.
- c. Clarify questions.
- d. Give closing statement.

6. **RETRAINING.** Retrain and retest NO-GOs after normal duty hours.

**E. SAFETY RESTRICTIONS.** None.

**F. ENVIRONMENTAL CONSIDERATIONS.** None.

**G. ADDITIONAL COMMENTS AND INFORMATION.** Recommended instructional time is 8.0 hours (0.5 hours for demonstration and 7.5 hours for practical exercise).

**LESSON TITLE: OFF-LOADING AND STACKING CONTAINERS**

**TASK NUMBER: 551-726-1512 (Off-Load A Container With Rough-Terrain Container Handler)**

**A. TRAINING OBJECTIVE.**

**TASK:** Be able to correctly off-load and stack a container.

**NOTE:** Show Transparency 6-5 (Objective).

**CONDITION:** Given demonstration with class notes.

**STANDARD:** To receive a “GO” for this lesson unit, the student will correctly off-load and stack containers.

**B. INTERMEDIATE TRAINING.**

**Intermediate Training Objective 1**

**TASK:** After this lesson unit, the student will be able to off-load and stack containers.

**CONDITION:** Given a RTCH with a tophandler, two containers, and a ground guide.

**STANDARD:** To receive a “GO” for this lesson unit, the student will correctly off-load and stack containers.

**C. ADMINISTRATIVE INSTRUCTIONS.**

1. Training time: As scheduled.
2. Training location: Scheduled classroom with chairs and a power source.
3. Training type: Demonstration and practical exercise.
4. Students: Scheduled personnel.
5. Principal and assistant instructors required: One primary instructor for the class.
6. Training aids and equipment: Overhead projector; projection screen, TM 10-3930-641-10, Instructor's Guide, Lesson Plan (TSP) and transparencies (for the instructor) and STP 55-88H1-SM, paper, and pen/pencil (for the student). Also a 50,000-pound RTCH with tophandler and two container cargo, semitrailer, low bed, 6 wheel, and truck, tractor, 5-ton, 6x6, M931.
7. References: STP 55-88H1-SM and TM 10-3930-641-10.

**NOTE:** Before class arrival, ensure that each student desk or table has a TM 10-3930-641-10 and STP 55-88H1-SM.

## **D. SEQUENCE OF ACTIVITY.**

### **1. INTRODUCTION.**

- a. Interest device.
- b. Tie-in.
- c. Lesson Objective (paragraph A).
- d. Procedures.
  - (1) Explanation.
  - (2) Practical exercise.
  - (3) Summary.

**2. EXPLANATION AND DEMONSTRATION.** Demonstrate the correct way to off-load and stack containers.

### **Transparency 6-6**

#### **a. Off-Loading Containers.**

- Center and level tophandler.
- Stop 3 to 4 feet from container.
- Raise to maximum height and level tophandler.
- Position locks of tophandler over corners of container.
- Lower locks into fittings.
- Ensure both "ready-to-lock" lights come on.

### **Transparency 6-7**

- Lock tophandler to container.
- Lift container to maximum height.
- Tilt back to stabilize load.
- Back away 3 to 4 feet from other containers.
- Lower container to minimum carrying height (which is 18 to 22 inches).

**Transparency 6-8**

**b. Stacking Containers.**

- Center and level container.
- Tilt back to stabilize load.
- Align containers using ground guide.
- Stop 3 to 4 feet from other containers.
- Raise to maximum height.
- Move forward over other containers.

**Transparency 6-9**

- Lower container squarely over corner of other containers within 3 inches.
- Make any adjustments.
- Set down container on other container.
- Unlock tophandler and raise to clear container.
- Tilt back to clear tophandler from container.
- Back away from container and lower.

3. **PRACTICAL EXERCISE.** This task shows 21 hours for practical exercise.

4. **EVALUATE.** Students are evaluated by exam 9G5-301-08.

5. **SUMMARY.** Show Transparency 6-10.

- a. Recap main points.
- b. Allow for questions.
- c. Clarify questions.
- d. Give closing statement.

6. **RETRAINING.** Retrain and retest NO-GOs after normal duty hours.

**E. SAFETY RESTRICTIONS.** None.

**F. ENVIRONMENTAL CONSIDERATIONS.** None.

**G. ADDITIONAL COMMENTS AND INFORMATION.** Recommended instructional time is 22.0 hours (1.0 hour for demonstration and 21.0 hours for practical exercise).